John Permit

Los Alamos
NATIONAL LABORATORY
EST. 1943

Los Alamos National Laboratory/University of California
Environmental Stewardship (ENV)
Remediation Services (RS), MS M992
Los Alamos, New Mexico 87545
(505) 667-0808/FAX (505) 665-4747

National Nuclear Security Administration
Los Alamos Site Operations, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504

Date: May 26, 2005
Refer To: ENV-WQH: 05-099

Ms. Waudelle Strickley
U.S. Environmental Protection Agency Region 6
1445 Ross Avenue, Suite 1200 (6EN-WC)
Dallas, TX 75202-2733

RECEIVED
MAY 2005
NMED Hazardous Waste Bureau

Re: Monthly wSAL Exceedance Report at Los Alamos National Laboratory, Storm Water Permit Application No. NM0030759

Dear Ms. Strickley:

The wSAL Monitoring Exceedance Report for Storm Water Discharges from Solid Waste Management Units (SWMUs) at Los Alamos National Laboratory is being submitted by the U.S. Department of Energy (DOE) and the University Of California (UC) in accordance with the requirements of the Federal Facility Compliance Agreement (FFCA) Docket No. CWA-06-2005-1701, dated February 3, 2005 and the Administrative Order (AO) Docket No. CWA-06-2005-1734, dated March 22, 2005. As specified in Section V. Reporting, 25 of the FFCA: "*Exceedances of water screening action levels (wSALs) shall be reported in writing to EPA and NMED monthly by the 28th day of the following month for which analytical results are received*".

Results for twenty three (23) snowmelt samples collected at gaging stations during March 2005 were received and compared to wSALs as required. The results of this comparison are provided for your review. If you need additional information regarding this report, please contact Steve Veenis at (505) 667-0013 or Mike Saladen at (505) 665-6085.

Sincerely,

Steven Rae
ENV-WQH Group Leader

Sincerely,

Gene Turner
NNSA/LASO Environmental Permitting Manager

MS/agm

16267

Cy: Taylor Sharpe, U.S. Environmental Protection Agency - Region 6
Marcy Leavitt, NMED-SWQB, Santa Fe, NM
John Young, NMED-HWB, Santa Fe, NM
Dennis Pepe, NMED/DOE-OB, Santa Fe, NM
Ralph Ford-Schmid, NMED/DOE-OB, Santa Fe, NM
John Ordaz, NNSA/LASO, MS A316
Ken Hargis, ENV-DO, MS J591
David McInroy, ENV-RS, MS M992
Doug Stavert, ENV-DO, MS J591
Victoria George, ENV-DO, MS J591
Jean Dewart, ENV-DO, MS J591
Tina Sandoval, ENV-WQH, MS K497
Mike Saladen, ENV/WQH, MS K497
Steve Veenis, ENV/WQH, MS K497
Phil Wardwell, LC-ESH, MS A187

Watershed Storm Water Monitoring, Q1 2005
Analytical Results greater than wSAL
Summary for Potential Non-Laboratory Derived Pollutants

Station ID	Station Name	Quarter	Sample Matrix	F/UF	Analytical Suite	Analyte	Number of Analyses	Number of Detects	Number > wSAL	Summary of Detected Results				
										Average	Minimum	Maximum	wSAL	Units
E026	Los Alamos below Ice Rink	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.29	5.29	5.29	0.0636	mg/L
E030	Los Alamos above DP Canyon	Q1	WM	UF	GENINORG	Magnesium	1	1	1	6.02	6.02	6.02	0.0636	mg/L
E040	DP above Los Alamos Canyon	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.68	5.68	5.68	0.0636	mg/L
E042	Los Alamos above SR-4	Q1	WM	UF	GENINORG	Magnesium	1	1	1	6.06	6.06	6.06	0.0636	mg/L
E050	Los Alamos below LA Weir	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.56	5.56	5.56	0.0636	mg/L
E055	Pueblo above Acid	Q1	WM	UF	GENINORG	Magnesium	1	1	1	4.48	4.48	4.48	0.0636	mg/L
E240	Pajarito below SR-501	Q1	WM	UF	GENINORG	Magnesium	1	1	1	3.39	3.39	3.39	0.0636	mg/L
E241	Pajarito above Starmers	Q1	WM	UF	GENINORG	Magnesium	1	1	1	4.17	4.17	4.17	0.0636	mg/L
E242	Starmers above Pajarito	Q1	WM	UF	GENINORG	Magnesium	1	1	1	4.22	4.22	4.22	0.0636	mg/L
E242	Starmers above Pajarito	Q1	WM	UF	METALS	Aluminum	1	1	1	5480	5480	5480	5000	ug/L
E242.5	La Delfe above Pajarito	Q1	WM	UF	GENINORG	Magnesium	1	1	1	4.73	4.73	4.73	0.0636	mg/L
E242.5	La Delfe above Pajarito	Q1	WM	UF	METALS	Aluminum	1	1	1	6680	6680	6680	5000	ug/L
E243	Pajarito above Twomile	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.24	5.24	5.24	0.0636	mg/L
E243	Pajarito above Twomile	Q1	WM	UF	METALS	Aluminum	1	1	1	7400	7400	7400	5000	ug/L
E244	Twomile above Pajarito	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.58	5.58	5.58	0.0636	mg/L
E245	Pajarito above TA-18	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.05	5.05	5.05	0.0636	mg/L
E245	Pajarito above TA-18	Q1	WM	UF	METALS	Aluminum	1	1	1	6670	6670	6670	5000	ug/L
E245.5	Pajarito above Threemile	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.37	5.37	5.37	0.0636	mg/L
E245.5	Pajarito above Threemile	Q1	WM	UF	METALS	Aluminum	1	1	1	7040	7040	7040	5000	ug/L
E246	Threemile above Pajarito	Q1	WM	UF	GENINORG	Magnesium	1	1	1	3.75	3.75	3.75	0.0636	mg/L
E250	Pajarito above SR-4	Q1	WM	UF	GENINORG	Magnesium	1	1	1	6.58	6.58	6.58	0.0636	mg/L
E252	Water above SR-501	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.53	5.53	5.53	0.0636	mg/L
E256	Canon de Valle below MDA P	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.45	5.45	5.45	0.0636	mg/L
E260	Water above S Site Canyon	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.29	5.29	5.29	0.0636	mg/L
E262	Canon de Valle above Water	Q1	WM	UF	GENINORG	Magnesium	1	1	1	3.61	3.61	3.61	0.0636	mg/L
E262	Canon de Valle above Water	Q1	WM	UF	METALS	Aluminum	1	1	1	6490	6490	6490	5000	ug/L
E262.5	Water below MDA AB	Q1	WM	UF	GENINORG	Magnesium	1	1	1	4.91	4.91	4.91	0.0636	mg/L
E263	Water at SR-4	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.02	5.02	5.02	0.0636	mg/L
E265	Water below SR-4	Q1	WM	UF	GENINORG	Magnesium	1	1	1	5.19	5.19	5.19	0.0636	mg/L

F = filtered Q1 = first quarter UF = unfiltered WM = snow melt